

VITA

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PERSONAL INFORMATION

Age: 58 (as of April 1, 2023)

Citizenship: Japanese

Birth year: 1965

Language proficiency: Japanese (native), English (writing, speaking, and listening), Esperanto (basic)

FIELDS OF SPECIALIZATION

Environmental & Resource Economics, Environmental & Resource Management, Environmental Voluntary Initiatives, Eco-certification, Sustainable Development

CURRENT JOB

Professor (Natural Resources Management; Corporate Environmentalism; Corporate Social Responsibility), School of Environmental Sciences, The University of Shiga Prefecture

ACADEMIC BACKGROUND (DOCTORAL STUDIES)

The University of British Columbia, Vancouver, Canada 1998-2001

Degree name: PhD (Resource Management and Environmental Studies)

Dissertation: Why Firms Participate in Environmental Voluntary Initiatives: Case Studies in Japan and Canada

Committee Co-chair: G. C. van Kooten & Ilan Vertinsky

Completion: 2001

ACADEMIC BACKGROUND (PREDOCTORAL STUDIES)

Kyoto University, Japan, 1983-1987

Bachelor of Agriculture, Forest Resource Management, 1987.

Kellogg Graduate School of Management, Northwestern University, USA, 1993-1995

Master of Management, 1995.

CREDENTIALS

Corporate Social Responsibility and Environmental Management (Wiley), Editorial Board Member
Japanese Association for Water Resources and Environment, Director, Editorial Board Member
The Japanese Forest Economics Society, Council Member

RESEARCH EXPERIENCE

Key words: natural resource management and policy, corporate environmental management and strategy, climate change, forest certification

Disciplines: natural resource and environmental economics, business strategy, policy studies

FELLOWSHIPS AND AWARDS

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),
2023-2026. “Re-spiritualization of interactions with nature: What roles can spirituality play?”
Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),
2021-2023. “Implementation of payment for ecosystem services (PES) for forests”
Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (B),
2020-2023. “Statistical analysis on the increase in forests with unknown owners or borders”
Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (B),
2015-2018. “Socially-supported forest management”
Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),
2012-2014. “Multi-functional, consensus-based, long-term forest management”
Understanding Canada Faculty Research Program from the Government of Canada, 2011.
Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),
2009-2011.
The University of British Columbia, University Graduate Student Fellowship, 1999-2001.
The University of British Columbia, The Centre for Japanese Research, Thesis Grant, 1998-2000.

SELECTED PRESENTATIONS

Takahashi, T., Hayashi, T., Matsushita, K. (2021) Divide and protect: historical development of Japanese Wariyama scheme. International Association for the Study of Commons 2021, Forest Commons, online, 2021-9-13~17.

Takahashi, T., Y. Kagotani, T. Takada and T. Irie (2021) Fieldwork goes online: A case of “Wood and Life.” The 4th University of Santo Tomas and University of Shiga Prefecture Joint Symposium, online, 2021-3-4.

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2021) Factors affecting forest-related subjective well-being: A case study in the upper Yasu River watershed, Shiga Prefecture, Japan. The 4th University of Santo Tomas and University of Shiga Prefecture Joint Symposium, online, 2021-3-5.

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2020) Subjective well-being related to forests and common forests in the era of post-development: A potential policy indicator for industrialized and developing countries. IASC (International Association for the Study of the Commons) - RIHN (Research Institute for Humanity and Nature) Online Workshop on Commons, Post-Development and Degrowth in Asia, Session 5 Good Life, On-line, 2020-7-22

Takahashi, T. (2019) “Evidence Statements - Japan,” SINCERE (Spurring INnovations for forest eCosystem sERvices in Europe) Learning Lab, Stream 2 (Cultural and spiritual forest ecosystem services from an Asian and a European perspective), Prague, Czech Republic, 2019-10-14.

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2019) “How does forest ownership influence forest-related subjective well-being? A case study in the upper Yasu River watershed, Shiga Prefecture, Japan”. Society for Environmental Economics and Policy Studies 24th Annual Conference, Fukushima University, Fukushima, 2019-9-28.

Takuya Takahashi, Koji Matsushita, and Toshiaki Nishimura (2019) Community actions against anti-commons in contemporary Japan: Case studies of former commons forests. IASC (The International Association for the Study of the Commons) 2019, 2019-7-5 (7-5~7-5),

Takuya Takahashi, Takashi Fujiwara (2018) Woodlands for Water and other PES schemes in Japan --- Evaluation and questions for PESFOR-W participants, COST Action CA15206, Action Title: Payments for Ecosystem Services (Forests for Water) , Stavanger, Norway, 2018-7-3 (7-2~7-5).

Takuya Takahashi, Koji Matsushita, Yoshio Yoshida, Tetsuji Senda (2017) Impacts of modernization policy on the management of commons forests in Japan: A statistical analysis of individual data. IASC (The International Association for the Study of the Commons) 2017, 2017-7-12 (7-10~7-14), Utrecht, The Netherlands.

Takuya Takahashi, Katsuya Tanaka (2017) Models explaining the levels of forest environmental taxes and other PES-like schemes in Japan. IUFRO 2017, Freiburg, 2017-9-18.

Joint Workshop of the UNECE-FAO Forest Communicators Network and IUFRO Communications and Public Relations Working Party, Portland, Oregon, USA, August 31, 2016 “What factors contribute to raising awareness of forest environmental tax schemes in Japan?” (With Michi Sakai)

15th Global Conference of the International Association for the Study of the Commons, Edmonton, Canada, 2015-5-27, “How did policy intervention work out for commons forests in Japan? An analysis of time-series prefectural data,” (With K. Matsushita)

International Association for Study of Commons 2013 Kitafuji Conference, Fuji-yoshida City, Japan Attitude of Local Residents towards Nature Restoration at Nishinoko Lagoon, Japan: How Local Governance may Work? (With Ikujiro Wakai and Ken Takeshita)

International Association for Study of Commons 2013 Kitafuji Conference, Fuji-yoshida City, Japan Challenges of Commons Forest Management in the Era of Urbanization: An Opinion Survey of Communities in Nagahama City, Shiga Prefecture, Japan (With Shugo Yamamoto and Hiroataka Yurugi)

The 4th Annual Conference on Business & Sustainability, Portland State University, Portland, OR, 2010-11-5, (with Masaki Sugita) , “Influence of corporate culture on environmental management performance: An empirical study of Japanese firms”

The Kadota Fund International Forum 2008 (KIF2008), Kyoto, 2008-12-14., “Japan’s Forest Culture: Threats and Opportunities”

The Fourth International Conference on Corporate Responsibility, Doha, Qatar, 2008-11-17, “CSR That Incorporates Local and Traditional Knowledge: The ‘Sanpoyoshi’ Way”

Third World Congress of Environmental and Resource Economists, July 2006. "Operational Complexity, Uncertainty and Environmental Management System Certification Decisions: Japanese Manufacturers"

“Sustainable Forest Management Network, BC Workshop, October 1999. "Survey of Canadian Forest Companies on Forest Certification"

Western Agricultural Economics Association, Annual Conference, June 2000. "Carbon Preparedness of Canadian Companies: Is There Too Much Reliance on the Forestry Option"

SELECTED RESEARCH PAPERS

Takahashi, T., Asano, S., Uchida, Y., Takemura, K., Fukushima, S., Matsushita, K., Okuda, N. (2023). Nature and Happiness Levels: New SWB Domains for Rivers, a Lake, and Forests. IntechOpen. doi: 10.5772/intechopen.109862

Efi Yuliati Yovi, Dalia Abbas & Takuya Takahashi (2022) Safety climate and risk perception of forestry workers: a case study of motor-manual tree felling in Indonesia, *International Journal of Occupational Safety and Ergonomics*, 28:4, 2193-2201

Takahashi, T., Asano, S., Uchida, Y., Takemura, K., Fukushima, S., Matsushita, K., Okuda, N. (2022) Effects of forests and forest-related activities on the subjective well-being of residents in a Japanese watershed: An econometric analysis through the capability approach. *Forest Policy and Economics*, 139(June), 102723.

Jong, W D., Urushima, E., Flores, A., Jacquet, B.; Takahashi, T (2022) Cedars of the North Mountains: Historical forest culture and practices in modern day nature policies. *International Forestry Review*, 24(3/S1), 380-392.

Jeanne-Lazya Roux, Agata Konczal, Andreas Bernasconi, Shonil Bhagwat, Rik De Vreese, Ilaria Doimo, Valentino Marini Govigli, Jan Kašpar, Ryo Kohsaka, Davide Pettenella, Tobias Plieninger, Zahed Shakeri, Shingo Shibata, Kalliopi Stara, Takuya Takahashi, Mario Torralba, Liisa Tyrväinen, Gerhard Weiss, Georg Winkel (2022) Exploring evolving spiritual values of forests in Europe and Asia: a transition hypothesis toward re-spiritualizing forests, *Ecology and Society*, 27(4), Article 20.

Takahashi, T., Asano, S., Uchida, Y., Takemura, K., Fukushima, S., Matsushita, K., Okuda, N. (2022) “Effects of forests and forest-related activities on the subjective well-being of residents in a Japanese watershed: An econometric analysis through the capability approach” *Forest Policy and Economics*, 139(June), 2022. DOI: 10.1016/j.forpol.2022.102723

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2022) “What factors are related with the levels of forest owner's forest-related subjective well-being (SWB)? Statistical analysis of a questionnaire survey in the upper watershed of Yasu River, Shiga Prefecture” (In Japanese) *Journal of the Japanese Forest Society*, 104(1), 39-43, 2022.
DOI: 10.4005/jjfs.104.39

Takahashi, T., Tsuge, T., Shibata, S. (2022) “Innovativeness of Japanese forest owners regarding the monetization of forest ecosystem services” *Sustainability*, 14, 2119, 2022.

“Models explaining the levels of forest environmental taxes and other PES schemes in Japan” (with Tanaka, K.) *Forests*, 12, no. 6: 685, 2021.

“New frontiers in Japanese forest policy: Addressing ecosystem disservices in the 21st century” (with de Jong, W., Kakizawa, H., Kawase, M., Matsushita, K., Sato, N., Takayanagi, A.) *Ambio*, 50, 2272–2285, 2021.

“Factors Affecting Forest-related Subjective Well-being: A Case Study in the Upper Yasu River Watershed, Shiga Prefecture, Japan” (with Y. Uchida, H. Ishibashi and N. Okuda) (In Japanese) *Journal of the Japanese Forest Society*, 103(2), 122-133, 2021.

DOI: 10.4005/jjfs.103.122

“Subjective well-being as a potential policy indicator in the context of urbanization and forest restoration” (with Y. Uchida, H. Ishibashi and N. Okuda) *Sustainability*, 13(6):3211, 2021.

DOI: 10.3390/su13063211

“Community actions against anticommens of forests in contemporary Japan: case studies of former common forests” (with K. Matsushita and T. Nishimura) *Journal of Forest Research*, 26:1, 68–74, 2021.

DOI: 10.1080/13416979.2020.1834715

“Impacts of 150 years of modernization policies on the management of common forests in Japan: A statistical analysis of micro census data” (with Koji Matsushita, Yoshio Yoshida, and Tetsuji Senda) *International Journal of the Commons*, 13(2): 1021–1034, 2019.

DOI: <https://doi.org/10.5334/ijc.936>

“Factors affecting the creation of modern property ownership of forest commons in Japan: An examination of historical, prefectural data.” (with Koji Matsushita and Wil de Jong) *Forest Policy and Economics*, 74, 62-70, 2017.

“Influence of Corporate Culture on Environmental Management Performance: An Empirical Study of Japanese Firms” (with Masaki Sugita). *Corporate Social Responsibility and Environmental Management*, 22(3): 182-192, 2015.

"What factors affect the creation of modern property ownership out of commons forests management scheme in Japan? An examination of time series, prefecture data" (with Shugo Yamamoto and Koji Matsushita) (In Japanese) *Iriai Rin'ya Kenkyuu* (Journal of Forest Commons) 03/2014; 34:64-71, 2014.

"Global diffusion of forest certification in the long run: An agent-based modeling approach" Earth System Governance Tokyo Conference: Complex Architectures, Multiple Agents, conference paper (0118), 2013.

"Research on the realities of businesses marketing thinned wood paper and demand for the paper," (in Japanese) (with Wataru Ichida), *Applied Forest Science* 20(1): 11-17, 2011.

"Analysis of Diffusion Patterns of Forest Certification in Japan," (in Japanese), *Applied Forest Science* 20(1): 1-9, 2011.

"Attitudes of Companies towards Financing Employing Environmental Ratings," (in Japanese), *Environmental Information Science* 24, 225-230, 2010.

"The impact of operational characteristics on firms' EMS decisions: Strategic adoption of ISO 14001 certifications" (With Masao Nakamura) *Corporate Social Responsibility and Environmental Management* 17, 215-229, 2010.

"Attitudes of Residents in the Southern Shiga Watershed towards Forests: Investigation of its Structure based on a Questionnaire Survey," (In Japanese) *Journal of Rural Problems* 45(2), 218-223, September 2009.

"CSR That Incorporates Local and Traditional Knowledge: The 'Sanpo-yoshi' Way," In M. Dobashi, J. N. Hooker, and P. Madsen (Ed.) *A Survey of International Corporate Responsibility*, International Corporate Responsibility Series vol. 4, Philosophy Documentation Center, ISBN 88968077X, 2009.

"The impact of operational characteristics on firms' EMS decisions: Strategic adoption of ISO 14001 certifications," (with Masao Nakamura) *Corporate Social Responsibility and Environmental Management* (published on-line (Early View); DOI: 10.1002/csr.199)

"Japanese Policies for Promoting Thinning: An Essay Based on a Comparison with Canadian Forest

Policies,” (In Japanese) *Journal of Forest Economics* 55(1), 35-44, 2009.

“Waste Reduction Initiatives by Manufacturing Firms in Shiga Prefecture” (with XU Qiang) (In Japanese) *Papers on Environmental Information Science* 22, 245-250, 2008.

“An International Comparative Study on Decision-Making in Watershed Forest Management” (In Japanese) *Journal of Water and Environmental Issues* 20, 87-100, 2008.

“A Comparative Study of Watershed Forest Management in Large Cities in Industrial Nations: New York City, Vancouver and Tokyo” (In Japanese) In Masaharu Tsuchiya and Tatsuya Ito (Eds.) *Current Situations of Research on Water Resources and Environment*, 389-314. Tokyo: Seibundou.

“Social Scientific Research on Forest Certification: Trends in These Ten Years” (In Japanese) *Forest Economy* 59(9), 1-16, December, 2006.

“Agenda Setting for Forest Tax Initiatives by Prefectures : Political-Economic Analysis of New Tax Initiatives,” *Journal of Forest Economics* 51(3), 19-28, 2005.

“Bureaucratization of Environmental Management and Corporate Greening: An Empirical Analysis of Large Manufacturing Firms in Japan,” (with Masao Nakamura) *Corporate Social Responsibility and Environmental Management* 12(4) (December, 2005) 210-219.

“Energy consumption through timber transportation and the woodmiles: The possibilities of the woodmiles indexes for evaluation of building,”(with Takashi Fujiwara, Hideshi Noda, Takuya Shimase,Satoshi Tachibana) SB05 Proceedings (CD-ROM) pp. 1171-1178, 2005.

“Evaluation of timber as building materials on energy issue and the woodmiles: The background and the development of the Woodmiles Forum in Japan,” (with Fujiwara, T., Noda, H., Shimase, T., Tachibana,S. & Takiguchi, Y.) *Construction Material: Proceedings of ConMat'05 and Mindess Symposium Vancouver 2005* Editors: N,Banthia, T, Uomoto, A. Bantur, & S.P. Shah Published by The University of British Columbia ISBN 0-88865-810-9, Abstract p.204 Full text attached CD,

"Why Might Forest Companies Certify? Results from a Canadian Survey," (with G.C. van Kooten and Ilan Vertinsky), *International Forestry Review* 5(4 December): 329-337, 2003.

"Why Japanese Firms Choose to Certify: A Study of Managerial Responses to Environmental Issues," (with Masao Nakamura and Ilan Vertinsky), *Journal of Environmental Economics and Management* 42(1) 23-52, 2001.

"Rising to the Kyoto Challenge: Is Canadian Industry's Response Adequate?" (with Masao Nakamura, G. C. van Kooten and Ilan Vertinsky), *Journal of Environmental Management* 63, 149-161, 2001.

"The Canadian Commercial Forestry Perspective on Certification: National Survey Results," (with Ilan Vertinsky and Bill Wilson), *Forestry Chronicle*, March/April, 77(2), 309-313, 2001.

"Corporate Environmentalism across Cultures: A Comparative Field Study of Chinese and Japanese executives," (With Oana Branzei, Ilan Vertinsky and Weijiong Zhang), *Cross Cultural Management* 1(3) 287-312, 2001.

"Why firms participate environmental voluntary initiatives: Case studies in Japan and Canada" University of British Columbia, PhD dissertation, 2001.

ASSOCIATIONS

Society of Environmental Economics and Policy Studies (Japan)

Center for Environmental Information Science (Japan)

The Japanese Forest Economics Society

Japanese Association for Water Resources and Environment

The Japanese Forest Society

The Association for Regional Agricultural and Forestry Economics